

In the Claims

Claims 26-50 are pending herein. Claims 26 and 43 are canceled by the Examiner. Claims 33, 34, 47, and 48 are canceled herein. Claims 27, 29, 35, 44, and 49 are amended herein. Please note that all claims currently pending and under consideration in the referenced application are shown below. Please enter these claims as amended. This listing of claims replaces all prior versions and listings of claims in the application.

1-25. (Canceled).

26. (Canceled).

27. (Currently Amended) ~~The dispenser of Claim 26, further comprising:~~

A manually operated liquid dispenser comprising:

a pump chamber having an interior volume and a cylindrical wall surrounding the interior volume,

the pump chamber cylindrical wall having a center axis;

a dispenser housing having an interior volume containing the pump chamber cylindrical wall, the

dispenser housing having a top wall and a pair of side walls that surround the pump

chamber cylindrical wall with the entire pump chamber cylindrical wall being spaced

inwardly and separated from each of the dispenser housing top wall and side walls;

a pump plunger mounted to the dispenser housing for axially reciprocating movement of the pump

plunger relative to the pump chamber, the pump plunger having a liquid discharge passage

that communicates with the pump chamber interior volume;

the pump plunger having a top wall and a pair of side walls that surround the liquid discharge

passage, the pump plunger top wall and side walls each telescoping with the respective dispenser housing top wall and side walls in response to reciprocating movement of the pump plunger relative to the pump chamber.

28. (Previously Presented) The dispenser of Claim 27, further comprising:

the dispenser housing top wall and pair of side walls surrounding a front opening of the dispenser housing; and,
the pump plunger top wall and pair of side walls telescoping through the front opening of the dispenser housing.

29. (Currently Amended) ~~The dispenser of Claim 26, further comprising:~~

A manually operated liquid dispenser comprising:

a pump chamber having an interior volume and a cylindrical wall surrounding the interior volume,

the pump chamber cylindrical wall having a center axis;

a dispenser housing having an interior volume containing the pump chamber cylindrical wall, the

dispenser housing having a top wall and a pair of side walls that surround the pump

chamber cylindrical wall with the entire pump chamber cylindrical wall being spaced

inwardly and separated from each of the dispenser housing top wall and side walls;

a pump plunger mounted to the dispenser housing for axially reciprocating movement of the pump

plunger relative to the pump chamber, the pump plunger having a liquid discharge passage

that communicates with the pump chamber interior volume;

the pump plunger having a center tube with the liquid discharge passage extending through the center tube; and,

the pump plunger having a top wall and a pair of side walls that surround the center tube with the

entire center tube being spaced inwardly and separated from each of the pump plunger top wall and side walls.

30. (Previously Presented) The dispenser of Claim 29, further comprising:

the pump plunger top wall and pair of side walls telescoping with the respective top wall and pair of side walls of the dispenser housing.

31. (Previously Presented) The dispenser of Claim 30, further comprising:

the pump plunger having a front wall with a finger engagement surface on the front wall, and the front wall connecting the center tube with the pump plunger top wall and side walls.

32. (Previously Presented) The dispenser of Claim 31, further comprising:

the pump plunger center tube extending through the finger engagement surface.

33. (Canceled).

34. (Canceled).

35. (Currently Amended) ~~The dispenser of Claim 33, further comprising:~~

A manually operated liquid dispenser comprising:

a pump chamber having an interior volume and a cylindrical wall surrounding the interior volume,

the pump chamber cylindrical wall having a center axis;

a dispenser housing having an interior volume containing the pump chamber cylindrical wall, the

dispenser housing having a top wall and a pair of side walls that surround the pump

chamber cylindrical wall with the entire pump chamber cylindrical wall being spaced

inwardly and separated from each of the dispenser housing top wall and side walls;

a pump plunger mounted to the dispenser housing for axially reciprocating movement of the pump plunger relative to the pump chamber, the pump plunger having a liquid discharge passage that communicates with the pump chamber interior volume;

the pump plunger having a center tube with the liquid discharge passage extending through the center tube;

a flexible, resilient bulb connecting the center tube to the pump chamber cylindrical wall and enclosing the interior volume of the pump chamber;

a tubular input valve integrally formed with the bulb; and,

a tubular output valve integrally formed with the bulb.

36. (Previously Presented) A manually operated liquid dispenser comprising:

a pump chamber having an interior volume and a cylindrical wall surrounding the interior volume,
the pump chamber cylindrical wall having a center axis;

a dispenser housing having walls surrounding an interior volume containing the pump chamber;

a pump plunger mounted to the dispenser housing for axially reciprocating movement of the pump plunger relative to the pump chamber, the pump plunger having a center tube with a liquid discharge passage extending through the center tube and communicating with the interior volume of the pump chamber, and the pump plunger having a top wall and a pair of side walls that surround the center tube with the entire center tube being spaced inwardly and separated from each of the pump plunger top wall and side walls.

37. (Previously Presented) The dispenser of Claim 36, further comprising:

the pump plunger having a front wall with a finger engaging surface on the front wall, and the front wall connecting the center tube with the pump plunger top wall and side walls.

38. (Previously Presented) The dispenser of Claim 37, further comprising:

the pump plunger center tube extending through the finger engagement surface.

39. (Previously Presented) The dispenser of Claim 36, further comprising:

a flexible, resilient bulb connecting the center tube to the pump chamber cylindrical wall and enclosing the interior volume of the pump chamber.

40. (Previously Presented) The dispenser of Claim 39, further comprising:

a tubular input valve integrally formed with the bulb; and,
a tubular output valve integrally formed with the bulb.

41. (Previously Presented) The dispenser of Claim 40, further comprising:

the pump plunger liquid discharge passage, the tubular input valve, the tubular output valve, and the pump chamber cylindrical wall all being coaxial.

42. (Previously Presented) The dispenser of Claim 41, further comprising:

a liquid discharge orifice communicating with the liquid discharge passage, the liquid discharge orifice being coaxial with the liquid discharge passage.

43. (Canceled)

44. (Currently Amended) ~~The dispenser of Claim 43, further comprising:~~

A manually operated liquid dispenser comprising:

a pump chamber having an interior volume and a cylindrical wall surrounding the interior volume,

the pump chamber cylindrical wall having a center axis;

a dispenser housing having walls surrounding an interior volume containing the pump chamber,

a pump plunger mounted to the dispenser housing for axially reciprocating movement of the pump

plunger relative to the pump chamber, the pump plunger having a liquid discharge passage

that communicates with the pump chamber interior volume;

a flexible, resilient bulb connecting the pump plunger to the pump chamber cylindrical wall and

enclosing the pump chamber interior volume, the bulb having an integral tubular output

valve and an integral tubular input valve;

the pump chamber cylindrical wall having an input port; and,

the bulb tubular input valve overlaying the input port.

45. (Previously Presented) The dispenser of Claim 44, further comprising:

the pump plunger having a center tube with the liquid discharge passage extending through the

center tube; and,

the bulb tubular output valve engaging around the pump plunger center tube.

46. (Previously Presented) The dispenser of Claim 44, further comprising:

the pump plunger having a liquid discharge orifice communicating with the liquid discharge

passage, and the liquid discharge orifice and the pump chamber cylindrical wall being

coaxial.

47. (Canceled).

48. (Canceled).

49. (Currently Amended) ~~The dispenser of Claim 43, further comprising:~~

A manually operated liquid dispenser comprising:

a pump chamber having an interior volume and a cylindrical wall surrounding the interior volume,

the pump chamber cylindrical wall having a center axis;

a dispenser housing having walls surrounding an interior volume containing the pump chamber,

a pump plunger mounted to the dispenser housing for axially reciprocating movement of the pump

plunger relative to the pump chamber, the pump plunger having a liquid discharge passage

that communicates with the pump chamber interior volume;

a flexible, resilient bulb connecting the pump plunger to the pump chamber cylindrical wall and

enclosing the pump chamber interior volume, the bulb having an integral tubular output

valve and an integral tubular input valve;

the dispenser housing having a top wall and a pair of side walls that surround the pump chamber
and the bulb; and,

the pump plunger having a top wall and a pair of side walls that surround the bulb.

50. (Previously Presented) The dispenser of Claim 49, further comprising:

the pump plunger top wall and pair of side walls telescoping with the respective dispenser housing
top wall and pair of side walls.